

said register/transmitter including

first computational means for periodically multiplying the square root of the change in pressure times the change in temperature from the pressure and temperature data supplied from said pair of pressure/temperature transducers,

accumulating means for accumulating the computed square root of the change in pressure times the change in temperature, and

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host computer means including

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second computational means for

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computing the BTU's of received accumulated computed square root of the change in pressure times the change in temperature with stored catalog data for the specific heat transfer device identified."

No reference teaches "first computational means for periodically multiplying the square root of the change in pressure times the change in temperature from the pressure and temperature data supplied from said pair of pressure/temperature transducers", located at the heating device and "second computational means for

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computing the BTU's of received accumulated computed square root of the change in pressure times the change in temperature with stored catalog data for the specific heat transfer device identified" located at a remote site.

This invention is a radical departure from the teachings of the prior art. This claim defines this structure - not a well known thermodynamic principle.

Proffit is not pertinent to this claimed subject matter. It is a "composition analyzer for determining composition of multiphase multicomponent fluid mixture". Proffitt never makes any of the computations claimed in Claim 1.

The examiner has no basis for rejecting claim 1 and claim 1 should be presently allowed.

Respectfully submitted,

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